

<u>L6</u>	L4 same (alter\$ or modif\$)same(c)	13	<u>L6</u>
<u>L5</u>	L4 and arthritis	22	<u>L5</u>
<u>L4</u>	L3 same (alter\$ or c)	57	<u>L4</u>
<u>L3</u>	(cd40L or cd40 adj ligand or cd154 or gp39 or 5c8)same (promoter)	189	<u>L3</u>
<u>L2</u>	L1 and (cd40L or cd40 adj ligand or cd154 or gp39 or 5c8)	7	<u>L2</u>
<u>L1</u>	crow.in.	777	<u>L1</u>

END OF SEARCH HISTORY

Set	Items	Description
S1	84	E2-E4
S2	23	S1 AND (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154)
S3	21	RD S2 (unique items)
S4	3	S3 AND ARTHRITIS
S5	3	RD S4 (unique items)
S6	125	(GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) (10N) (PROM- OTER)
S7	4	S6 AND ARTHRITIS
S8	3	RD S7 (unique items)
S9	15	(GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) AND (PROM- OTER) AND ARTHRITIS
S10	12	RD S9 (unique items)
S11	37	(GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) (20N) (GENO- MIC OR GENE) AND ARTHRITIS
S12	32	RD S11 (unique items)
S13	44	(GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) (20N) (DNA - OR NUCLEIC OR NUCLEOTIDE?) AND ARTHRITIS
S14	38	RD S13 (unique items)
?		

<u>L6</u>	L4 same (alter\$ or modif\$)same(c)	13	<u>L6</u>
<u>L5</u>	L4 and arthritis	22	<u>L5</u>
<u>L4</u>	L3 same (alter\$ or c)	57	<u>L4</u>
<u>L3</u>	(cd40L or cd40 adj ligand or cd154 or gp39 or 5c8)same (promoter)	189	<u>L3</u>
<u>L2</u>	L1 and (cd40L or cd40 adj ligand or cd154 or gp39 or 5c8)	7	<u>L2</u>
<u>L1</u>	crow.in.	777	<u>L1</u>

END OF SEARCH HISTORY

egin 5,73,155,399

27apr06 17:41:34 User208760 Session D2728.2

\$0.00 0.100 DialUnits File410

\$0.00 Estimated cost File410

\$0.02 TELNET

\$0.02 Estimated cost this search

\$0.41 Estimated total session cost 0.213 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2006/Apr W4

(c) 2006 BIOSIS

File 73:EMBASE 1974-2006/Apr 27

(c) 2006 Elsevier Science B.V.

File 155:MEDLINE(R) 1951-2006/May 01

(c) format only 2006 Dialog

File 399:CA SEARCH(R) 1967-2006/UD=14418

(c) 2006 American Chemical Society

*File 399: Use is subject to the terms of your user/customer agreement.

IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

Set Items Description

? e au=crow mary ?

Ref	Items	Index-term
E1	1	AU=CROW MARTHA
E2	6	AU=CROW MARY
E3	0	*AU=CROW MARY ?
E4	78	AU=CROW MARY K
E5	2	AU=CROW MATTHEW
E6	7	AU=CROW MICHAEL
E7	1	AU=CROW MICHAEL HE
E8	1	AU=CROW MICHAEL M
E9	105	AU=CROW MICHAEL T
E10	1	AU=CROW MIKE T
E11	2	AU=CROW MIN
E12	4	AU=CROW N

Enter P or PAGE for more

? s e2-e4

6 AU=CROW MARY
0 AU=CROW MARY ?
78 AU=CROW MARY K

S1 84 E2-E4

? s s1 and (gp39 or cd40L or cd40(w)ligand or 5c8 or cd154)

84 S1
694 GP39
6745 CD40L
27295 CD40
455442 LIGAND
12857 CD40(W)LIGAND
135 5C8
3098 CD154

S2 23 S1 AND (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154)

? rd s2

S3 21 RD S2 (unique items)

? t s3/3/all

3/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0015855782 BIOSIS NO.: 200600201177

Early growth response-1 is required for CD154 transcription

AUTHOR: Cron Randy Q (Reprint); Bandyopadhyay Rupa; Genin Anna; Brunner

Michael; Kersh Gilbert J; Yin JiYi; Finkel Terri H; Crow Mary K

AUTHOR ADDRESS: Childrens Hosp Philadelphia, Abramson Res Ctr, Div

Rheumatol, 3165 Civic Ctr Blvd, Room 1102B, Philadelphia, PA 19104 USA**
USA
AUTHOR E-MAIL ADDRESS: rqcron@mail.med.upenn.edu
JOURNAL: Journal of Immunology 176 (2): p811-818 JAN 15 2006 2006
ISSN: 0022-1767
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0015777212 BIOSIS NO.: 200600122607
Egr-1 regulates CD154 transcription
AUTHOR: Cron Randy Q (Reprint); Bandyopadhyay Rupa; Genin Anna; Brunner
Michael; Kersh Gilbert J; Crow Mary K
AUTHOR ADDRESS: Childrens Hosp Philadelphia, Philadelphia, PA 19104 USA**
USA
JOURNAL: Pediatric Research 55 (4, Suppl. S, Part 2): p19A APR 2004 2004
CONFERENCE/MEETING: Annual Meeting of the Pediatric-Academic-Societies San
Francisco, CA, USA May 01 -04, 2004; 20040501
SPONSOR: Pediat Acad Soc
ISSN: 0031-3998
DOCUMENT TYPE: Meeting; Meeting Poster
RECORD TYPE: Citation
LANGUAGE: English

3/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0013483989 BIOSIS NO.: 200200077500
Functional properties of lymphocytes in idiopathic thrombocytopenic purpura
AUTHOR: Webber Nicholas P; Mascarenhas John O; Crow Mary K; Bussel
James; Schattner Elaine J (Reprint)
AUTHOR ADDRESS: Division of Hematology-Oncology, Weill Medical College of
Cornell University, 1300 York Avenue, New York, NY, 10021, USA**USA
JOURNAL: Human Immunology 62 (12): p1346-1355 December, 2001 2001
MEDIUM: print
ISSN: 0198-8859
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0013333253 BIOSIS NO.: 200100505092
Regulation of CD40 ligand expression in systemic lupus
erythematosus
AUTHOR: Crow Mary K (Reprint); Kirou Kyriakos A
AUTHOR ADDRESS: Hospital for Special Surgery, 535 East 70th Street, New
York, NY, 10021, USA**USA
JOURNAL: Current Opinion in Rheumatology 13 (5): p361-369 September, 2001
2001
MEDIUM: print
ISSN: 1040-8711
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Citation
LANGUAGE: English

3/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0013124092 BIOSIS NO.: 200100295931
Regulation of CD40 ligand (CD40L) expression in
rheumatoid synovium
AUTHOR: Kirou Kyriakos (Reprint); Crow Mary K (Reprint)
AUTHOR ADDRESS: Hospital for Special Surgery, 535 E 70th Street, New York,
NY, 10021, USA**USA
JOURNAL: FASEB Journal 15 (4): pA361 March 7, 2001 2001
MEDIUM: print
CONFERENCE/MEETING: Annual Meeting of the Federation of American Societies
for Experimental Biology on Experimental Biology 2001 Orlando, Florida,
USA March 31-April 04, 2001; 20010331
ISSN: 0892-6638
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

3/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0013040763 BIOSIS NO.: 200100212602
Methods of determining disease activity in SLE patients by correlating the
level of soluble CD40 ligand
AUTHOR: Crow Mary K; Vakkalanka Radha Krishna (Reprint)
AUTHOR ADDRESS: New York, NY, USA**USA
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1238 (2): Sep. 12, 2000 2000
MEDIUM: e-file
PATENT NUMBER: US 6117642 PATENT DATE GRANTED: September 12, 2000 20000912
PATENT CLASSIFICATION: 435-71 PATENT ASSIGNEE: New York Society for the
Relief of the Ruptured and Crippled Maintaining the Hospital for Special
Surgery PATENT COUNTRY: USA
ISSN: 0098-1133
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

3/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0012275824 BIOSIS NO.: 199900535484
An altered nucleotide sequence in the immediate promoter region of
CD40 ligand is associated with rheumatoid arthritis
AUTHOR: Li Yixin (Reprint); Sun Guang-Rong (Reprint); Crow Mary K
(Reprint)
AUTHOR ADDRESS: New York, NY, USA**USA
JOURNAL: Arthritis and Rheumatism 42 (9 SUPPL.): pS233 Sept., 1999 1999
MEDIUM: print
CONFERENCE/MEETING: 63rd Annual Scientific Meeting of the American College
of Rheumatology and the 34th Annual Scientific Meeting of the Association
of Rheumatology Health Professionals Boston, Massachusetts, USA November
13-17, 1999; 19991113
ISSN: 0004-3591
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster
RECORD TYPE: Citation
LANGUAGE: English

3/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0012161091 BIOSIS NO.: 199900420751

Mechanisms of T-helper cell activation and function in systemic lupus erythematosus

BOOK TITLE: Contemporary Immunology, 7; Lupus: Molecular and cellular pathogenesis

AUTHOR: Crow Mary K (Reprint

BOOK AUTHOR/EDITOR: Kammer G M; Tsokos G C

AUTHOR ADDRESS: Department of Medicine, Hospital of Special Surgery, New York, NY, USA**USA

p231-256 1999

MEDIUM: print

BOOK PUBLISHER: Humana Press Inc. (a), Suite 808, 999 Riverview Drive, Totowa, New Jersey 07512, USA

ISBN: 0-89603-556-5

DOCUMENT TYPE: Book; Book Chapter

RECORD TYPE: Citation

LANGUAGE: English

3/3/9 (Item 9 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0012029808 BIOSIS NO.: 199900289468

Elevated levels and functional capacity of soluble CD40 ligand in systemic lupus erythematosus sera

AUTHOR: Vakkalanka Radha Krishna; Woo Caroline; Kirou Kyriakos A; Koshy Mary; Berger Douglas; Crow Mary K (Reprint

AUTHOR ADDRESS: Hospital for Special Surgery, 535 East 70th Street, New York, NY, 10021, USA**USA

JOURNAL: Arthritis and Rheumatism 42 (5): p871-881 May, 1999 1999

MEDIUM: print

ISSN: 0004-3591

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

3/3/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0011675353 BIOSIS NO.: 199800469600

Soluble CD40 ligand (sCD40L) in sera from patients with SLE is present at concentrations that can mediate B cell activation

AUTHOR: Vakkalanka Radha Krishna; Woo Caroline; Kirou Kyriakos A; Berger Douglas; Crow Mary K

AUTHOR ADDRESS: Hosp. Special Surgery, Cornell Univ. Med. Coll., New York, NY 10021, USA**USA

JOURNAL: Arthritis and Rheumatism 41 (9 SUPPL.): pS235 Sept., 1998 1998

MEDIUM: print

CONFERENCE/MEETING: 62nd National Scientific Meeting of the American College of Rheumatology and the 33rd National Scientific Meeting of the Association of Rheumatology Health Professionals San Diego, California, USA November 8-12, 1998; 19981108

SPONSOR: American College of Rheumatology

Association of Rheumatology Health Professionals

ISSN: 0004-3591

DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster

RECORD TYPE: Citation

LANGUAGE: English

3/3/11 (Item 11 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0011675352 BIOSIS NO.: 199800469599
Kinetics of CD40 ligand (CD40L) mRNA expression in
systemic lupus erythematosus (SLE) patients and healthy controls
AUTHOR: Vakkalanka Radha Krishna; Kirou Kyriakos A; Raman Chander; Crow
Mary K
AUTHOR ADDRESS: Hosp. Special Surg., Cornell Univ. Med. Coll., New York, NY
10021, USA**USA
JOURNAL: Arthritis and Rheumatism 41 (9 SUPPL.): pS235 Sept., 1998 1998
MEDIUM: print
CONFERENCE/MEETING: 62nd National Scientific Meeting of the American
College of Rheumatology and the 33rd National Scientific Meeting of the
Association of Rheumatology Health Professionals San Diego, California,
USA November 8-12, 1998; 19981108
SPONSOR: American College of Rheumatology
Association of Rheumatology Health Professionals
ISSN: 0004-3591
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster
RECORD TYPE: Citation
LANGUAGE: English

3/3/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0011674155 BIOSIS NO.: 199800468402
Ligation of CD40 induces high level expression of CD40 ligand (
CD40L) on peripheral blood B lymphocytes
AUTHOR: Woo Caroline; Crow Mary K
AUTHOR ADDRESS: Hosp. Special Surg., Cornell Univ. Med. Coll., New York, NY
10021, USA**USA
JOURNAL: Arthritis and Rheumatism 41 (9 SUPPL.): pS36 Sept., 1998 1998
MEDIUM: print
CONFERENCE/MEETING: 62nd National Scientific Meeting of the American
College of Rheumatology and the 33rd National Scientific Meeting of the
Association of Rheumatology Health Professionals San Diego, California,
USA November 8-12, 1998; 19981108
SPONSOR: American College of Rheumatology
Association of Rheumatology Health Professionals
ISSN: 0004-3591
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster
RECORD TYPE: Citation
LANGUAGE: English

3/3/13 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0011434691 BIOSIS NO.: 199800228938
Chronic lymphocytic leukemia B cells can express CD40 ligand
and demonstrate T-cell type costimulatory capacity
AUTHOR: Schattner Elaine J (Reprint); Mascarenhas John; Reyfman Inna; Koshy
Mary; Woo Caroline; Friedman Steven M; Crow Mary K
AUTHOR ADDRESS: Room C-640, Cornell Univ. Med. Coll., 1300 York Ave., New
York, NY 10021, USA**USA
JOURNAL: Blood 91 (8): p2689-2697 April 15, 1998 1998
MEDIUM: print
ISSN: 0006-4971
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0010721731 BIOSIS NO.: 199799355791

Chronic lymphocytic leukemia B cells express CD40L and demonstrate T
cell type costimulatory capacity

AUTHOR: Schattner Elaine J (Reprint); Mascarenhas John; Koshy Mary;
Vakkalanka Radha K; Friedman Steven M; Crow Mary K

AUTHOR ADDRESS: Division Hematol./Oncol., Dep. Med., New York Hosp. Cornell
Med. Cent., Division Rheumatol., Hosp. Special Surgery, New York, NY, USA
**USA

JOURNAL: Blood 88 (10 SUPPL. 1 PART 1-2): p218B 1996 1996

CONFERENCE/MEETING: Thirty-eighth Annual Meeting of the American Society of
Hematology Orlando, Florida, USA December 6-10, 1996; 19961206

ISSN: 0006-4971

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Citation

LANGUAGE: English

3/3/15 (Item 15 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0010588953 BIOSIS NO.: 199699223013

Increased levels of soluble CD40 ligand in sera from patients
with systemic lupus erythematosus

AUTHOR: Vakkalanka Radha Krishna (Reprint); Crow Mary K

AUTHOR ADDRESS: Hosp. Special Surg., Cornell Univ. Med. Coll., New York, NY
10021, USA**USA

JOURNAL: Arthritis and Rheumatism 39 (9 SUPPL.): pS35 1996 1996

CONFERENCE/MEETING: 60th National Scientific Meeting of the American
College of Rheumatology and the 31st National Scientific Meeting of the
Association of Rheumatology Health Professionals Orlando, Florida, USA
October 18-22, 1996; 19961018

ISSN: 0004-3591

DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster

RECORD TYPE: Citation

LANGUAGE: English

3/3/16 (Item 16 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0010518557 BIOSIS NO.: 199699152617

Increased expression of CD40 ligand on systemic lupus
erythematosus lymphocytes

AUTHOR: Koshy Mary; Berger Douglas; Crow Mary K (Reprint)

AUTHOR ADDRESS: Hosp. Special Surgery, 535 East 70th Street, New York, NY
10021, USA**USA

JOURNAL: Journal of Clinical Investigation 98 (3): p826-837 1996 1996

ISSN: 0021-9738

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

3/3/17 (Item 17 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0010504331 BIOSIS NO.: 199699138391

CD4+ T-cell induction of Fas-mediated apoptosis in Burkitt's lymphoma B
cells

AUTHOR: Schattner Elaine J (Reprint); Mascarenhas John; Bishop Julie;
Dae-Hyun; Chadburn Amy; Crow Mary K; Friedman Steven M

AUTHOR ADDRESS: Div. Hematol.-Oncol., Room C-606, New York Hosp., 525 E.
68th St., New York, NY 10021, USA**USA
JOURNAL: Blood 88 (4): p1375-1382 1996 1996
ISSN: 0006-4971
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/18 (Item 18 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0010095733 BIOSIS NO.: 199698563566
CD40 Ligation induces Apo-1/Fas expression on human B lymphocytes and
facilitates apoptosis through the Apo-1/Fas pathway
AUTHOR: Schattner Elaine J; Elkon Keith B; Yoo Dae-Hyun; Tumang Joseph;
Krammer Peter H; Crow Mary K; Friedman Steven M (Reprint
AUTHOR ADDRESS: The Hosp. Special Surgery, 535 East 70th Street, New York,
NY 10021, USA**USA
JOURNAL: Journal of Experimental Medicine 182 (5): p1557-1565 1995 1995
ISSN: 0022-1007
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/19 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0010066996 BIOSIS NO.: 199598534829
SLE T cells show prolonged expression of CD40 ligand following
activation
AUTHOR: Koshy Mary; Berger Douglas; Crow Mary K
AUTHOR ADDRESS: Hosp. Special Surg., New York, NY 10021, USA**USA
JOURNAL: Arthritis and Rheumatism 38 (9 SUPPL.): pS156 1995 1995
CONFERENCE/MEETING: 59th National Scientific Meeting of the American
College of Rheumatology and the 30th National Scientific Meeting of the
Association of Rheumatology Health Professionals San Francisco,
California, USA October 21-26, 1995; 19951021
ISSN: 0004-3591
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster
RECORD TYPE: Citation
LANGUAGE: English

3/3/20 (Item 20 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0009984705 BIOSIS NO.: 199598452538
Ligation of CD40 on fibroblasts induces CD54 (ICAM-1) and CD106 (VCAM-1) up
regulation and IL-6 production and proliferation
AUTHOR: Yellin Michael J (Reprint); Winikoff Stephen; Fortune Sarah M; Baum
David; Crow Mary K; Lederman Seth; Chess Leonard
AUTHOR ADDRESS: Columbia Univ., Div. Rheumatol., Black Building 8-808, 630
W. 168th St., New York, NY 10032, USA**USA
JOURNAL: Journal of Leukocyte Biology 58 (2): p209-216 1995 1995
ISSN: 0741-5400
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/21 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

(c) format only 2006 Dialog. All rts. reserv.

14633637 PMID: 14681505

Prevalence and correlates of accelerated atherosclerosis in systemic lupus erythematosus.

Roman Mary J; Shanker Beth-Ann; Davis Adrienne; Lockshin Michael D; Sammaritano Lisa; Simantov Ronit; Crow Mary K; Schwartz Joseph E; Paget Stephen A; Devereux Richard B; Salmon Jane E

Division of Cardiology, Weill Medical College of Cornell University, the Hospital for Special Surgery, New York, NY 10021, USA.
mroman@med.cornell.edu

New England journal of medicine (United States) Dec 18 2003, 349 (25)
p2399-406, ISSN 1533-4406--Electronic Journal Code: 0255562

Contract/Grant No.: AR 45591; AR; NIAMS; HL 47540; HL; NHLBI; M10RR0047; RR; NCRR

Publishing Model Print; Comment in N Engl J Med. 2003 Dec 18;349(25) 2379-80; Comment in PMID 14681501; Comment in N Engl J Med. 2004 Apr 8;350(15):1571-5; author reply 1571-5; Comment in PMID 15071134; Comment in N Engl J Med. 2004 Apr 8;350(15):1571-5; author reply 1571-5; Comment in PMID 15074008; Comment in N Engl J Med. 2004 Apr 8;350(15):1571-5; author reply 1571-5; Comment in PMID 15074010; Comment in N Engl J Med. 2004 Apr 8;350(15):1571-5; author reply 1571-5; Comment in PMID 15074011; Comment in N Engl J Med. 2004 Apr 8;350(15):1571-5; author reply 1571-5; Comment in PMID 15074009

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

? s s3 and arthritis

21 S3

434241 ARTHRITIS

S4 3 S3 AND ARTHRITIS

? rd s4

S5 3 RD S4 (unique items)

? t s5/3/all

5/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0013124092 BIOSIS NO.: 200100295931

Regulation of CD40 ligand (CD40L) expression in rheumatoid synovium

AUTHOR: Kirou Kyriakos (Reprint); Crow Mary K (Reprint)

AUTHOR ADDRESS: Hospital for Special Surgery, 535 E 70th Street, New York, NY, 10021, USA**USA

JOURNAL: FASEB Journal 15 (4): pA361 March 7, 2001 2001

MEDIUM: print

CONFERENCE/MEETING: Annual Meeting of the Federation of American Societies for Experimental Biology on Experimental Biology 2001 Orlando, Florida, USA March 31-April 04, 2001; 20010331

ISSN: 0892-6638

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract

LANGUAGE: English

5/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0012275824 BIOSIS NO.: 199900535484

An altered nucleotide sequence in the immediate promoter region of

CD40 ligand is associated with rheumatoid arthritis

AUTHOR: Li Yixin (Reprint); Sun Guang-Rong (Reprint); Crow Mary K (Reprint)

AUTHOR ADDRESS: New York, NY, USA**USA

JOURNAL: Arthritis and Rheumatism 42 (9 SUPPL.): pS233 Sept., 1999 1999

MEDIUM: print

CONFERENCE/MEETING: 63rd Annual Scientific Meeting of the American College of Rheumatology and the 34th Annual Scientific Meeting of the Association of Rheumatology Health Professionals Boston, Massachusetts, USA November 13-17, 1999; 19991113

ISSN: 0004-3591

DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster

RECORD TYPE: Citation

LANGUAGE: English

5/3/3 (Item 3 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0009984705 BIOSIS NO.: 199598452538

Ligation of CD40 on fibroblasts induces CD54 (ICAM-1) and CD106 (VCAM-1) up regulation and IL-6 production and proliferation

AUTHOR: Yellin Michael J (Reprint); Winikoff Stephen; Fortune Sarah M; Baum David; Crow Mary K; Lederman Seth; Chess Leonard

AUTHOR ADDRESS: Columbia Univ., Div. Rheumatol., Black Building 8-808, 630. W. 168th St., New York, NY 10032, USA**USA

JOURNAL: Journal of Leukocyte Biology 58 (2): p209-216 1995 1995

ISSN: 0741-5400

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

? s (gp39 or cd40L or cd40(w)ligand or 5c8 or cd154) (10n) (promoter)

694 GP39

6745 CD40L

27295 CD40

455442 LIGAND

12857 CD40(W)LIGAND

135 5C8

3098 CD154

449324 PROMOTER

S6 125 (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) (10N) (PROMOTER)

? s s6 and arthritis

125 S6

434241 ARTHRITIS

S7 4 S6 AND ARTHRITIS

? rd s7

S8 3 RD S7 (unique items)

? t s8/3/all

8/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0012275824 BIOSIS NO.: 199900535484

An altered nucleotide sequence in the immediate promoter region of

CD40 ligand is associated with rheumatoid arthritis

AUTHOR: Li Yixin (Reprint); Sun Guang-Rong (Reprint); Crow Mary K (Reprint)

AUTHOR ADDRESS: New York, NY, USA**USA

JOURNAL: Arthritis and Rheumatism 42 (9 SUPPL.): pS233 Sept., 1999 1999

MEDIUM: print

CONFERENCE/MEETING: 63rd Annual Scientific Meeting of the American College of Rheumatology and the 34th Annual Scientific Meeting of the Association of Rheumatology Health Professionals Boston, Massachusetts, USA November 13-17, 1999; 19991113

ISSN: 0004-3591

DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster

RECORD TYPE: Citation

LANGUAGE: English

8/3/2 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
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13563648 EMBASE No: 2006033646
Early growth response-1 is required for CD154 transcription
Cron R.Q.; Bandyopadhyay R.; Genin A.; Brunner M.; Kersh G.J.; Yin J.;
Finkel T.H.; Crow M.K.
Dr. R.Q. Cron, Children's Hospital of Philadelphia, Abramson Research
Center, 3615 Civic Center Boulevard, Philadelphia, PA 19104 United
States
AUTHOR EMAIL: rqcron@mail.med.upenn.edu
Journal of Immunology (J. IMMUNOL.) (United States) 15 JAN 2006,
176/2 (811-818)
CODEN: JOIMA ISSN: 0022-1767
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 58

8/3/3 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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134248006 CA: 134(18)248006f PATENT
An altered nucleotide sequence in the promoter of the CD40 ligand gene
leading to increased levels of expression of the gene and a risk factor
for autoimmune disease
INVENTOR(AUTHOR): Crow, Mary K.; Li, Yixin
LOCATION: USA
ASSIGNEE: New York Society for the Relief of the Ruptured and Crippled,
Maintaining th
PATENT: PCT International ; WO 200119844 A1 DATE: 20010322
APPLICATION: WO 2000US24966 (20000913) *US PV153625 (19990913)
PAGES: 90 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07H-021/04A; C07K-014/435B; C07K-014/705B; C12N-005/10B;
C12N-015/00B; C12N-015/12B; G01N-033/53B
DESIGNATED COUNTRIES: CA; JP; MG; US DESIGNATED REGIONAL: AT; BE; CH; CY
; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
? t s872
>>>Set 872 does not exist
? t s8/7/2

8/7/2 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
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13563648 EMBASE No: 2006033646
Early growth response-1 is required for CD154 transcription
Cron R.Q.; Bandyopadhyay R.; Genin A.; Brunner M.; Kersh G.J.; Yin J.;
Finkel T.H.; Crow M.K.
Dr. R.Q. Cron, Children's Hospital of Philadelphia, Abramson Research
Center, 3615 Civic Center Boulevard, Philadelphia, PA 19104 United
States
AUTHOR EMAIL: rqcron@mail.med.upenn.edu
Journal of Immunology (J. IMMUNOL.) (United States) 15 JAN 2006,
176/2 (811-818)
CODEN: JOIMA ISSN: 0022-1767
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 58

CD154 (CD40 ligand) expression on CD4 T cells is normally tightly
controlled, but abnormal or dysregulated expression of CD154 has been well
documented in autoimmune diseases, such as systemic lupus erythematosus.
Beyond regulation by NFAT proteins, little is known about the

transcriptional activation of the ***CD154*** ***promoter*** . We identified a species-conserved purine-rich sequence located adjacent to the CD154 transcriptional promoter proximal NFAT site, which binds early growth response (Egr) transcription factors. Gel shift assays and chromatin immunoprecipitation assays reveal that Egr-1, Egr-3, and NFAT1 present in primary human CD4 T cells are capable of binding this combinatorial site in vitro and in vivo, respectively. Multimerization of this NFAT/Egr sequence in the context of a reporter gene demonstrates this sequence is transcriptionally active upon T cell activation in primary human CD4 T cells. Overexpression of Egr-1, but not Egr-3, is capable of augmenting transcription of this reporter gene as well as that of an intact ***CD154*** ***promoter*** . Conversely, overexpression of small interfering RNA specific for Egr-1 in primary human CD4 T cells inhibits CD154 expression. Similarly, upon activation, CD154 message is notably decreased in splenic CD4 T cells from Egr-1-deficient mice compared with wild-type controls. Our data demonstrate that Egr-1 is required for CD154 transcription in primary CD4 T cells. This has implications for selective targeting of Egr family members to control abnormal expression of CD154 in autoimmune diseases such as systemic lupus erythematosus. Copyright (c) 2006 by The American Association of Immunologists, Inc.

? ds

Set	Items	Description
S1	84	E2-E4
S2	23	S1 AND (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154)
S3	21	RD S2 (unique items)
S4	3	S3 AND ARTHRITIS
S5	3	RD S4 (unique items)
S6	125	(GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154)(10N)(PROM-OTER)
S7	4	S6 AND ARTHRITIS
S8	3	RD S7 (unique items)
? s (gp39 or cd40L or cd40(w)ligand or 5c8 or cd154) and (promoter) and arthritis		
	694	GP39
	6745	CD40L
	27295	CD40
	455442	LIGAND
	12857	CD40(W)LIGAND
	135	5C8
	3098	CD154
	449324	PROMOTER
	434241	ARTHRITIS
S9	15	(GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) AND (PROMOTER) AND ARTHRITIS
? rd s9		
	S10	12 RD S9 (unique items)
? t s10/3/all		

10/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R) .
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0012275824 BIOSIS NO.: 199900535484
An altered nucleotide sequence in the immediate promoter region of CD40 ligand is associated with rheumatoid arthritis
AUTHOR: Li Yixin (Reprint); Sun Guang-Rong (Reprint); Crow Mary K (Reprint)
AUTHOR ADDRESS: New York, NY, USA**USA
JOURNAL: Arthritis and Rheumatism 42 (9 SUPPL.): pS233 Sept., 1999 1999
MEDIUM: print
CONFERENCE/MEETING: 63rd Annual Scientific Meeting of the American College of Rheumatology and the 34th Annual Scientific Meeting of the Association of Rheumatology Health Professionals Boston, Massachusetts, USA November 13-17, 1999; 19991113
ISSN: 0004-3591
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster
RECORD TYPE: Citation
LANGUAGE: English

10/3/2 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
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13723248 EMBASE No: 2005325455
IL-10 and CD40L expression in patients with lupus erythematosus
EXPRESION DE IL-10 Y CD40L EN PACIENTES DE LUPUS ERITEMATOSO
Lopez Suarez P.; Suarez Diaz A.
P. Lopez Suarez, Departamento de Biologia Funcional, Area de Inmunologia,
Facultad de Medicina, Julian Claveria s/n, 33006 Oviedo Spain
AUTHOR EMAIL: tryyls@terra.es
Mapfre Medicina (MAPFRE MED.) (Spain) 2005, 16/2 (95-105)
CODEN: MAMEE ISSN: 1130-5665
DOCUMENT TYPE: Journal ; Article
LANGUAGE: SPANISH SUMMARY LANGUAGE: ENGLISH; SPANISH
NUMBER OF REFERENCES: 34

10/3/3 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
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13563648 EMBASE No: 2006033646
Early growth response-1 is required for CD154 transcription
Cron R.Q.; Bandyopadhyay R.; Genin A.; Brunner M.; Kersh G.J.; Yin J.;
Finkel T.H.; Crow M.K.
Dr. R.Q. Cron, Children's Hospital of Philadelphia, Abramson Research
Center, 3615 Civic Center Boulevard, Philadelphia, PA 19104 United
States
AUTHOR EMAIL: rqcron@mail.med.upenn.edu
Journal of Immunology (J. IMMUNOL.) (United States) 15 JAN 2006,
176/2 (811-818)
CODEN: JOIMA ISSN: 0022-1767
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 58

10/3/4 (Item 3 from file: 73)
DIALOG(R)File 73:EMBASE
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12977766 EMBASE No: 2005037583
Ongoing immunoglobulin class switch DNA recombination in lupus B cells:
Analysis of switch regulatory regions
Liu S.; Cerutti A.; Casali P.; Crow M.K.
M.K. Crow, Mary Kirkland Center for Lupus Res., Hospital for Special
Surgery, 535 East 70th Street, New York, NY 10021 United States
AUTHOR EMAIL: crown@hss.edu
Autoimmunity (AUTOIMMUNITY) (United Kingdom) 2004, 37/6-7 (431-443)
CODEN: AUIME ISSN: 0891-6934
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 84

10/3/5 (Item 4 from file: 73)
DIALOG(R)File 73:EMBASE
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12224285 EMBASE No: 2003334942
CD154 transcriptional regulation in primary human CD4 T cells
Cron R.Q.
Dr. R.Q. Cron, Children's Hospital of Philadelphia, Abramson Research
Center, 3615 Civic Center Blvd., Philadelphia, PA 19104-4318 United

States
AUTHOR EMAIL: rqcron@mail.med.upenn.edu
Immunologic Research (IMMUNOL. RES.) (United States) 2003, 27/2-3
(185-202)
CODEN: IMRSE ISSN: 0257-277X
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 118

10/3/6 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE
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06215284 EMBASE No: 1995254138
Immunoprinting excludes many potential susceptibility genes as
predisposing to early onset pauciarticular juvenile chronic arthritis
except HLA class II and TNF
Epplen C.; Rumpf H.; Albert E.; Haas P.; Truckenbrodt H.; Epplen J.T.
Molekulare Humangenetik, Ruhr-Universitat Bochum, 44780 Bochum Germany
European Journal of Immunogenetics (EUR. J. IMMUNOGENET.) (United
Kingdom) 1995, 22/4 (311-322)
CODEN: EJOIE ISSN: 0960-7420
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

10/3/7 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
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15086741 PMID: 15383579
CpG DNA induces IgG class switch DNA recombination by activating human B
cells through an innate pathway that requires TLR9 and cooperates with
IL-10.
He Bing; Qiao Xugang; Cerutti Andrea
Department of Pathology, Weill Medical College, Cornell University, New
York, NY 10021, USA.
Journal of immunology (Baltimore, Md. - 1950) (United States) Oct 1
2004, 173 (7) p4479-91, ISSN 0022-1767--Print Journal Code: 2985117R
Contract/Grant No.: AI057130; AI; NIAID; AR47872; AR; NIAMS
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

10/3/8 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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143472529 CA: 143(26)472529x PATENT
Drug discovery assays based on the biology of chronic disease
INVENTOR(AUTHOR): Polansky, Hanan
LOCATION: USA
PATENT: U.S. Pat. Appl. Publ. ; US 20050255458 A1 DATE: 20051117
APPLICATION: US 2003611217 (20030701) *US 2002223050 (20020814)
PAGES: 307 pp., Cont.-in-part of U.S. Ser. No. 223,050. CODEN: USXXCO
LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 435005000; C12Q-001/70A; C12Q-001/68B

10/3/9 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

142405605 CA: 142(22)405605k PATENT
Bone and/or joint disease-associated genes identified in Runx2/Cbfa1
knockout chondrocyte cell lines and use in animal model
INVENTOR(AUTHOR): Komori, Toshihisa; Kanatani, Naoko; Yoshida, Carolina
Andrea; Zanna, Akira; Kobayashi, Shinji; Yamana, Kei
LOCATION: Japan,
ASSIGNEE: Teijin Pharma Limited
PATENT: PCT International ; WO 200538022 A1 DATE: 20050428
APPLICATION: WO 2004JP15879 (20041020) *JP 2003359172 (20031020)
PAGES: 357 pp. CODEN: PIXXD2 LANGUAGE: Japanese
PATENT CLASSIFICATIONS:
CLASS: C12N-015/00A; C12Q-001/68B; C12N-005/10B; C07K-014/46B;
A61K-038/17B; A61P-019/00B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
NE; SN; TD; TG

10/3/10 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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139067785 CA: 139(5)67785s PATENT
Antigen-binding domain-immunoglobulin fusion proteins for treating
malignancies and B cell disorders
INVENTOR(AUTHOR): Ledbetter, Jeffrey A.; Hayden-Ledbetter, Martha S.;
Thompson, Peter A.
LOCATION: USA
ASSIGNEE: Genecraft, Inc.
PATENT: U.S. Pat. Appl. Publ. ; US 20030118592 A1 DATE: 20030626
APPLICATION: US 207655 (20020725) *US PV367358 (20010117) *US 53530
(20020117) *US PV385691 (20020603)
PAGES: 157 pp., Cont.-in-part of U.S. Ser. No. 53,530. CODEN: USXXCO
LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 424178100; A61K-039/395A; C07K-016/46B

10/3/11 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

134365711 CA: 134(26)365711t PATENT
Compositions and methods for treating autoimmune diseases and transplant
rejections
INVENTOR(AUTHOR): Chu, Keting; Wang, Changyu
LOCATION: USA
ASSIGNEE: Chiron Corporation
PATENT: PCT International ; WO 200134649 A2 DATE: 20010517
APPLICATION: WO 2000US30739 (20001108) *US PV164503 (19991109)
PAGES: 49 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07K-016/00A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR;
HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA;
MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL;
TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU;
TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW

; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE;
TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

10/3/12 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

134248006 CA: 134(18)248006f PATENT
An altered nucleotide sequence in the promoter of the CD40 ligand gene
leading to increased levels of expression of the gene and a risk factor
for autoimmune disease
INVENTOR(AUTHOR): Crow, Mary K.; Li, Yixin
LOCATION: USA
ASSIGNEE: New York Society for the Relief of the Ruptured and Crippled,
Maintaining th
PATENT: PCT International ; WO 200119844 A1 DATE: 20010322
APPLICATION: WO 2000US24966 (20000913) *US PV153625 (19990913)
PAGES: 90 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07H-021/04A; C07K-014/435B; C07K-014/705B; C12N-005/10B; . .
C12N-015/00B; C12N-015/12B; G01N-033/53B
DESIGNATED COUNTRIES: CA; JP; MG; US DESIGNATED REGIONAL: AT; BE; CH; CY
; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
? t s10/7/5,6

10/7/5 (Item 4 from file: 73)
DIALOG(R)File 73:EMBASE
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12224285 EMBASE No: 2003334942
CD154 transcriptional regulation in primary human CD4 T cells
Cron R.Q.
Dr. R.Q. Cron, Children's Hospital of Philadelphia, Abramson Research
Center, 3615 Civic Center Blvd., Philadelphia, PA 19104-4318 United
States
AUTHOR EMAIL: rqcron@mail.med.upenn.edu
Immunologic Research (IMMUNOL. RES.) (United States) 2003, 27/2-3
(185-202)
CODEN: IMRSE ISSN: 0257-277X
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 118

CD154 (CD40-ligand) has a wide variety of pleiotropic effects throughout the immune system and is critical to both cellular and humoral immunity. Cell surface and soluble ***CD154*** are primarily expressed by activated CD4 T cells. Expression of CD 154 is tightly regulated in a time-dependent manner, and, like most T cell-derived cytokines and other members of the tumor necrosis factor (TNF) superfamily, ***CD154*** is largely regulated at the level of gene transcription. Recently, dysregulated expression of CD154 has been noted in a number of autoimmune disorders, including systemic lupus erythematosus (SLE). In addition, abnormal expression of CD154 has been hypothesized to contribute to a wider array of diseases, from atherosclerosis to Alzheimer's disease. Until recently, very little was known about the transcriptional regulation of CD 154. We are exploring ***CD154*** regulation in primary human CD4 T cells in hopes of understanding the cis- and trans-regulatory elements that control its expression in the cells that normally express ***CD154***. Ultimately, we hope to be able to correct abnormal expression of CD154 in various disease states and to help design gene therapy vectors for treating CD154-deficient individuals with hyper-IgM syndrome.

10/7/6 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE

06215284 EMBASE No: 1995254138

Immunoprinting excludes many potential susceptibility genes as predisposing to early onset pauciarticular juvenile chronic arthritis except HLA class II and TNF

Epplen C.; Rumpf H.; Albert E.; Haas P.; Truckenbrodt H.; Epplen J.T.
Molekulare Humangenetik, Ruhr-Universitat Bochum, 44780 Bochum Germany
European Journal of Immunogenetics (EUR. J. IMMUNOGENET.) (United Kingdom) 1995, 22/4 (311-322)
CODEN: EJOIE ISSN: 0960-7420
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

DNA profiles (immunoprints) were generated for 120 patients suffering from early onset pauciarticular chronic arthritis (EOPA-JCA) and > 500 healthy controls utilizing highly polymorphic microsatellites in the vicinity of immunorelevant genes. Six T cell receptor (TCR) markers for the CD3D, TCRDVAJ, TEA, TCRBV6S1, BV6S3, BV6S7 and BV13S2 genes were analysed. Furthermore markers for the cell surface molecule CD40L, for cytokine genes (IL-1A, IL-2, IFN-alpha, FGF-alpha, TNF-alpha), the chromosomal region of the IRF2 and the cytokine receptor gene IL5RA were studied as well as two polymorphisms within the promotor region of the TNF-alpha gene. Coding region polymorphisms were evidenced indirectly by repeat length variation or they were predicted from the microsatellite distribution profiles and then confirmed by direct sequence analysis. Statistical evaluations were performed with respect to known predispositions, predominance of females (> 80%) and HLA-DR and -DQ haplotypes. Cell surface molecules (TCR, CD40L, IL5RA) as well as almost all cytokines (IL-1A, IFNalpha, FGFA, IRF2 region) were excluded as predisposing in our JCA panel. The TNF-alpha microsatellite alleles (GT)inf linf 0inf -inf linf 2 contribute considerably to manifestation of the disease, in HLA-DRB1*11(12) individuals (RR = 12.8). The TNF-alpha allele is not found in linkage disequilibrium with HLA-DRB1*11(12) and may be present on either chromosome 6. Thus, a novel susceptibility factor probably within the TNFA/TNFB gene region has been identified via linkage with the TNF-alpha microsatellite allele. Apparently complex compositions of the genetic background rather than single genes provide the precondition for manifestation of the autoimmune disease EOPA-JCA. Immunoprinting unravels the variability of the immunological genome via the semi-directed microsatellite approach efficiently.

? s (gp39 or cd40L or cd40(w)ligand or 5c8 or cd154) (20n) (genomic or gene) and arthritis

694	GP39
6745	CD40L
27295	CD40
455442	LIGAND
12857	CD40(W)LIGAND
135	5C8
3098	CD154
283067	GENOMIC
3517178	GENE
1621	((((GP39 OR CD40L) OR CD40(W)LIGAND) OR 5C8) OR CD154) (20N) (GENOMIC OR GENE)
434241	ARTHRITIS
S11	37 (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) (20N) (GENOMIC OR GENE) AND ARTHRITIS

? rd s11

S12 32 RD S11 (unique items)

? t s12/3/all

12/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0015576646 BIOSIS NO.: 200510271146

A novel non-cleavable cell surface mutant of CD40-ligand induces anti-leukemic immune response and prevent systemic inflammatory reaction

AUTHOR: Kato Kazunori (Reprint); Masuta Yukari; Tomihara Kei; Sasaki
Katsumori; Hamada Hirofumi
AUTHOR ADDRESS: Sapporo Med Univ, Dept Mol Med, Sapporo, Hokkaido, Japan**
Japan
JOURNAL: Blood 104 (11, Part 1): p867A-868A NOV 16 2004 2004
CONFERENCE/MEETING: 46th Annual Meeting of the
American-Society-of-Hematology San Diego, CA, USA December 04 -07, 2004;
20041204
SPONSOR: Amer Soc Hematol
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Poster
RECORD TYPE: Abstract
LANGUAGE: English

12/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0014308810 BIOSIS NO.: 200300277529
Regulation of CCR5 expression and MIP-1alpha production in CD4+ T cells
from patients with rheumatoid ***arthritis.***
AUTHOR: Wang C R (Reprint); Liu M F
AUTHOR ADDRESS: Section of Rheumatology and Section of Allergy and
Immunology, Department of Internal Medicine, Medical College, National
Cheng Kung University, 138 Sheng-Li Road, Tainan, Taiwan**Taiwan
AUTHOR E-MAIL ADDRESS: wangcr@mail.ncku.edu.tw
JOURNAL: Clinical and Experimental Immunology 132 (2): p371-378 May 2003
2003
MEDIUM: print
ISSN: 0009-9104 (ISSN print)
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0012616045 BIOSIS NO.: 200000334358
CD154 (CD40 ligand)
AUTHOR: Schonbeck Uwe; Mach Francois; Libby Peter (Reprint)
AUTHOR ADDRESS: Cardiovascular Medicine, Department of Medicine, Brigham
and Women's Hospital and Harvard Medical School, 221 Longwood Ave,
Boston, MA, 02115, USA**USA
JOURNAL: International Journal of Biochemistry and Cell Biology 32 (7): p
687-693 July, 2000 2000
MEDIUM: print
ISSN: 1357-2725
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

12/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0012275824 BIOSIS NO.: 199900535484
An altered nucleotide sequence in the immediate promoter region of CD40
ligand is associated with rheumatoid arthritis
AUTHOR: Li Yixin (Reprint); Sun Guang-Rong (Reprint); Crow Mary K (Reprint)
AUTHOR ADDRESS: New York, NY, USA**USA
JOURNAL: Arthritis and Rheumatism 42 (9 SUPPL.): pS233 Sept., 1999 1999
MEDIUM: print
CONFERENCE/MEETING: 63rd Annual Scientific Meeting of the American College

of Rheumatology and the 34th Annual Scientific Meeting of the Association
of Rheumatology Health Professionals Boston, Massachusetts, USA November
13-17, 1999; 19991113
ISSN: 0004-3591
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster
RECORD TYPE: Citation
LANGUAGE: English

12/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0012073843 BIOSIS NO.: 199900333503
An aggressive form of polyarticular arthritis in a man with CD154
mutation (X-linked hyper-IgM syndrome)
AUTHOR: Webster Elizabeth A; Khakoo Aarif Y; Mackus Wendeline JM; Karpusas
Michael; Thomas David W; Davidson Anne; Christian Charles L; Lederman
Seth (Reprint)
AUTHOR ADDRESS: Laboratory of Molecular Immunology, Columbia University,
630 West 168th Street, PH8-405, New York, NY, 10032, USA**USA
JOURNAL: Arthritis and Rheumatism 42 (6): p1291-1296 June, 1999 1999
MEDIUM: print
ISSN: 0004-3591
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0011818697 BIOSIS NO.: 199900078357
Functional subsets of CD4 T cells in rheumatoid synovitis
AUTHOR: Namekawa Takashi; Wagner Ulf G; Goronzy Joerg J; Weyand Cornelia M
(Reprint)
AUTHOR ADDRESS: Mayo Clinic, 200 First St., SW, Guggenheim 401, Rochester,
MN 55905, USA**USA
JOURNAL: Arthritis and Rheumatism 41 (12): p2108-2116 Dec., 1998 1998
MEDIUM: print
ISSN: 0004-3591
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/7 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

13723248 EMBASE No: 2005325455
IL-10 and CD40L expression in patients with lupus erythematosus
EXPRESION DE IL-10 Y CD40L EN PACIENTES DE LUPUS ERITEMATOSO
Lopez Suarez P.; Suarez Diaz A.
P. Lopez Suarez, Departamento de Biologia Funcional, Area de Inmunologia,
Facultad de Medicina, Julian Claveria s/n, 33006 Oviedo Spain
AUTHOR EMAIL: tryyls@terra.es
Mapfre Medicina (MAPFRE MED.) (Spain) 2005, 16/2 (95-105)
CODEN: MAMEE ISSN: 1130-5665
DOCUMENT TYPE: Journal ; Article
LANGUAGE: SPANISH SUMMARY LANGUAGE: ENGLISH; SPANISH
NUMBER OF REFERENCES: 34

12/3/8 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier Science B.V. All rts. reserv.

13563648 EMBASE No: 2006033646

Early growth response-1 is required for CD154 transcription

Cron R.Q.; Bandyopadhyay R.; Genin A.; Brunner M.; Kerish G.J.; Yin J.; Finkel T.H.; Crow M.K.

Dr. R.Q. Cron, Children's Hospital of Philadelphia, Abramson Research Center, 3615 Civic Center Boulevard, Philadelphia, PA 19104 United States

AUTHOR EMAIL: rqcron@mail.med.upenn.edu

Journal of Immunology (J. IMMUNOL.) (United States) 15 JAN 2006, 176/2 (811-818)

CODEN: JOIMA ISSN: 0022-1767

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 58

12/3/9 (Item 3 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier Science B.V. All rts. reserv.

12919372 EMBASE No: 2004521680

CD40 ligand gene and Kawasaki disease

Onouchi Y.; Onoue S.; Tamari M.; Wakui K.; Fukushima Y.; Yashiro M.; Nakamura Y.; Yanagawa H.; Kishi F.; Ouchi K.; Terai M.; Hamamoto K.; Kudo F.; Aotsuka H.; Sato Y.; Nariai A.; Kaburagi Y.; Miura M.; Saji T.; Kawasaki T.; Nakamura Y.; Hata A.

Dr. Y. Onouchi, Lab. for Gastrointestinal Diseases, SNP Research Center, RIKEN, 1-7-22 Suehiro, Yokohama, Kanagawa 230-0045 Japan

AUTHOR EMAIL: onouchi@src.riken.jp

European Journal of Human Genetics (EUR. J. HUM. GENET.) (United Kingdom) 2004, 12/12 (1062-1068)

CODEN: EJHGE ISSN: 1018-4813

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 29

12/3/10 (Item 4 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier Science B.V. All rts. reserv.

12501176 EMBASE No: 2004093256

The dinucleotide repeat polymorphism in the 3primeUTR of the CD154 gene has a functional role on protein expression and is associated with systemic lupus erythematosus

Citores M.J.; Rua-Figueroa I.; Rodriguez-Gallego C.; Durantez A.; Garcia-Laorden M.I.; Rodriguez-Lozano C.; Rodriguez-Perez J.C.; Vargas J.A.; Perez-Aciego P.

Dr. M.J. Citores, Servicio de Medicina Interna I, Hospital Universitaria, Puerta Hierro, San Martin Porres 4, 28035 Madrid Spain

AUTHOR EMAIL: mjcitores@wanadoo.es

Annals of the Rheumatic Diseases (ANN. RHEUM. DIS.) (United Kingdom)

2004, 63/3 (310-317)

CODEN: ARDIA ISSN: 0003-4967

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 52

12/3/11 (Item 5 from file: 73)

DIALOG(R)File 73:EMBASE

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12224285 EMBASE No: 2003334942

CD154 transcriptional regulation in primary human CD4 T cells

Cron R.Q.
Dr. R.Q. Cron, Children's Hospital of Philadelphia, Abramson Research
Center, 3615 Civic Center Blvd., Philadelphia, PA 19104-4318 United
States
AUTHOR EMAIL: rqcron@mail.med.upenn.edu
Immunologic Research (IMMUNOL. RES.) (United States) 2003, 27/2-3
(185-202)
CODEN: IMRSE ISSN: 0257-277X
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 118

12/3/12 (Item 6 from file: 73)
DIALOG(R) File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

12082419 EMBASE No: 2003193403
Regulation of CCR5 expression and MIP-1alpha production in CD4SUP+ T
cells from patients with rheumatoid arthritis
Wang C.R.; Liu M.F.
Dr. C.R. Wang, Department of Internal Medicine, Medical College, National
Cheng Kung University, 138 Sheng-Li Road, Tainan Taiwan
AUTHOR EMAIL: wangcr@mail.ncku.edu.tw
Clinical and Experimental Immunology (CLIN. EXP. IMMUNOL.) (United
Kingdom) 01 MAY 2003, 132/2 (371-378)
CODEN: CEXIA ISSN: 0009-9104
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 39

12/3/13 (Item 1 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

15086741 PMID: 15383579
CpG DNA induces IgG class switch DNA recombination by activating human B
cells through an innate pathway that requires TLR9 and cooperates with
IL-10.
He Bing; Qiao Xugang; Cerutti Andrea
Department of Pathology, Weill Medical College, Cornell University, New
York, NY 10021, USA.
Journal of immunology (Baltimore, Md. - 1950) (United States) Oct 1
2004, 173 (7) p4479-91, ISSN 0022-1767--Print Journal Code: 2985117R
Contract/Grant No.: AI057130; AI; NIAID; AR47872; AR; NIAMS
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

12/3/14 (Item 2 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

14303725 PMID: 12721360
IL-17 production from activated T cells is required for the spontaneous
development of destructive arthritis in mice deficient in IL-1
receptor antagonist.
Nakae Susumu; Saijo Shinobu; Horai Reiko; Sudo Katsuko; Mori Shigeo;
Iwakura Yoichiro
Center for Experimental Medicine and Department of Cancer Biology,
Institute of Medical Science, University of Tokyo, 4-6-1 Shirokanedai,
Minato-ku, Tokyo 108-8639, Japan.
Proceedings of the National Academy of Sciences of the United States of

America (United States) May 13 2003, 100 (10) p5986-90, ISSN
0027-8424--Print Journal Code: 7505876
Publishing Model Print-Electronic
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

12/3/15 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

13916426 PMID: 12220548
Roles of IL-1 in the development of rheumatoid arthritis :
consideration from mouse models.
Iwakura Yoichiro
Center for Experimental Medicine, Institute of Medical Science,
University of Tokyo, 4-6-1 Shirokanedai, Minato-ku, Tokyo 108-8639, Japan.
iwakura@ims.u-tokyo.ac.jp
Cytokine & growth factor reviews (England) Aug-Oct 2002, 13 (4-5)
p341-55, ISSN 1359-6101--Print Journal Code: 9612306
Publishing Model Print
Document type: Journal Article; Review
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

12/3/16 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

13627020 PMID: 11840457
Suppression of autoimmune arthritis in interleukin-1-deficient mice
in which T cell activation is impaired due to low levels of CD40 ligand and
OX40 expression on T cells.
Saijo Shinobu; Asano Masahide; Horai Reiko; Yamamoto Hiroaki; Iwakura
Yoichiro
Institute of Medical Science, University of Tokyo, Minato-ku, Tokyo
108-8639, Japan.
Arthritis and rheumatism (United States) Feb 2002, 46 (2) p533-44,
ISSN 0004-3591--Print Journal Code: 0370605
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

12/3/17 (Item 5 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

11556294 PMID: 9410920
Functional CD40 ligand is expressed by T cells in rheumatoid
arthritis
MacDonald K P; Nishioka Y; Lipsky P E; Thomas R
University of Queensland, Department of Medicine, Princess Alexandra
Hospital, Brisbane, Australia.
Journal of clinical investigation (UNITED STATES) Nov 1 1997, 100 (9)
p2404-14, ISSN 0021-9738--Print Journal Code: 7802877
Contract/Grant No.: AR-37169; AR; NIAMS
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM

12/3/18 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

141348572 CA: 141(21)348572a JOURNAL
Amplification of the synovial inflammatory response through activation of
mitogen-activated protein kinases and nuclear factor κ B using
ligation of CD40 on CD14+ synovial cells from patients with rheumatoid
arthritis
AUTHOR(S): Harigai, Masayoshi; Hara, Masako; Kawamoto, Manabu; Kawaguchi,
Yasushi; Sugiura, Tomoko; Tanaka, Michi; Nakagawa, Miki; Ichida, Hisae;
Takagi, Kae; Higami-Ohsako, Satomi; Shimada, Katsuhiko; Kamatani, Naoyuki
LOCATION: Institute of Rheumatology, Tokyo Women's Medical University,
Tokyo, Japan,
JOURNAL: Arthritis Rheum. (Arthritis & Rheumatism) DATE: 2004 VOLUME:
50 NUMBER: 7 PAGES: 2167-2177 CODEN: ARHEAW ISSN: 0004-3591 LANGUAGE:
English PUBLISHER: John Wiley & Sons, Inc.

12/3/19 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

141343430 CA: 141(21)343430t PATENT
Methods, including gene therapy, for treating xerostomia and
xerophthalmia using genes, proteins, and/or chemicals that are
radioprotective and antioxidant in the ductal space
INVENTOR(AUTHOR): Bennett, Michael J.; Chen, Yen-Ju
LOCATION: USA
ASSIGNEE: Genteric Inc.
PATENT: PCT International ; WO 200487873 A2 DATE: 20041014
APPLICATION: WO 2004US9194 (20040326) *US PV458793 (20030326)
PAGES: 58 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12N-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG

12/3/20 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

140004071 CA: 140(1)4071f PATENT
Humanized anti-CD4 antibodies for tolerizing primates to therapeutic
antigen, protein, peptide, cell or gene therapy agent
INVENTOR(AUTHOR): Frewin, Mark; Waldmann, Herman; Gorman, Scott; Hale,
Geoff; Rao, Patricia; Kornaga, Tadeusz; Ringler, Douglas; Cobbold, Stephen;
Winsor-Hines, Dawn
LOCATION: UK,
PATENT: U.S. Pat. Appl. Publ. ; US 20030219403 A1 DATE: 20031127
APPLICATION: US 353708 (20030129) *GB 200114517 (20010614) *GB 200122724
(20010920) *US PV345194 (20011019) *US PV373470 (20020418) *US PV373471
(20020418) *US 171452 (20020613)
PAGES: 45 pp., Cont.-in-part of U.S. Ser. No. 171,452. CODEN: USXXCO
LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: 424085200; A61K-038/20A; A61K-039/395B

12/3/21 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

138380512 CA: 138(25)380512e PATENT
Systems and methods for characterizing a biological condition or agent
using calibrated gene expression profiles
INVENTOR(AUTHOR): Bevilacqua, Michael; Cheronis, John C.; Tryon, Victor
LOCATION: USA
ASSIGNEE: Source Precision Medicine, Inc.
PATENT: PCT International ; WO 200340404 A1 DATE: 20030515
APPLICATION: WO 2002US36084 (20021108) *US PV348213 (20011109) *US
PV340881 (20011207) *US PV369633 (20020403) *US PV376997 (20020430)
PAGES: 156 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12Q-001/00A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;
SE; SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VC; VN; YU; ZA; ZM;
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS
; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE;
ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI;
CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

12/3/22 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

137200261 CA: 137(14)200261v PATENT
Humanized anti-human gp39 antibodies for treating autoimmune diseases
INVENTOR(AUTHOR): Black, Amelia; Hanna, Nabil; Padlan, Eduardo A.;
Newman, Roland A.
LOCATION: USA
ASSIGNEE: Idec Pharmaceuticals Corporation
PATENT: United States ; US 6440418 B1 DATE: 20020827
APPLICATION: US 925339 (19970908) *US 554840 (19951107)
PAGES: 50 pp., Cont.-in-part of U. S. 6,001,358. CODEN: USXXAM
LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 424154100; A61K-039/395A; C07K-016/28B

12/3/23 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

136068690 CA: 136(5)68690g PATENT
CD154 variants
INVENTOR(AUTHOR): Hsu, Yen-Ming; Garber, Ellen
LOCATION: USA
ASSIGNEE: Biogen, Inc.
PATENT: PCT International ; WO 200196397 A2 DATE: 20011220
APPLICATION: WO 2001US18517 (20010608) *US PV210657 (20000609)
PAGES: 41 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07K-014/705A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;

SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

12/3/24 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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136036363 CA: 136(3)36363m PATENT
Non-agonistic antibodies to human gp39, compositions containing, and therapeutic use thereof
INVENTOR(AUTHOR): Anderson, Darrell R.; Pan, Li Zhen; Hanna, Nabil; Rastetter, William H.; Kloetzer, William S.
LOCATION: USA
ASSIGNEE: Idec Pharmaceuticals Corporation
PATENT: PCT International ; WO 200194586 A2 DATE: 20011213
APPLICATION: WO 2001US18098 (20010606) *US PV209584 (20000606)
PAGES: 130 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12N-015/13A; C07K-016/28B; A61K-039/395B; A61P-037/06B; A61K-048/00B; C12N-015/63B; C12N-015/86B; C12N-015/861B; C12N-015/867B; C12N-015/11B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

12/3/25 (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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134248006 CA: 134(18)248006f PATENT
An altered nucleotide sequence in the promoter of the CD40 ligand gene leading to increased levels of expression of the gene and a risk factor for autoimmune disease
INVENTOR(AUTHOR): Crow, Mary K.; Li, Yixin
LOCATION: USA
ASSIGNEE: New York Society for the Relief of the Ruptured and Crippled, Maintaining th
PATENT: PCT International ; WO 200119844 A1 DATE: 20010322
APPLICATION: WO 2000US24966 (20000913) *US PV153625 (19990913)
PAGES: 90 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07H-021/04A; C07K-014/435B; C07K-014/705B; C12N-005/10B; C12N-015/00B; C12N-015/12B; G01N-033/53B
DESIGNATED COUNTRIES: CA; JP; MG; US DESIGNATED REGIONAL: AT; BE; CH; CY ; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

12/3/26 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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133280066 CA: 133(20)280066r JOURNAL
Identification of 142 single nucleotide polymorphisms in 41 candidate genes for rheumatoid arthritis in the Japanese population
AUTHOR(S): Yamada, R.; Tanaka, T.; Ohnishi, Y.; Suematsu, K.; Minami, M.; Seki, T.; Yukiooka, M.; Maeda, A.; Murata, N.; Saiki, O.; Teshima, R.; Kudo, O.; Ishikawa, K.; Ueyosi, A.; Tateishi, H.; Inaba, M.; Goto, H.; Nishizawa, Y.; Tohma, S.; Ochi, T.; Yamamoto, K.; Nakamura, Y.

LOCATION: Institute of Medical Science, Human Genome Center, Laboratory
of Molecular Medicine, University of Tokyo, Minato-ku, Tokyo, Japan,
108-8639

JOURNAL: Hum. Genet. DATE: 2000 VOLUME: 106 NUMBER: 3 PAGES: 293-297
CODEN: HUGEDQ ISSN: 0340-6717 LANGUAGE: English PUBLISHER:
Springer-Verlag

12/3/27 (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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133088219 CA: 133(7)88219b PATENT
Use of CD40 engagement to alter T cell receptor usage
INVENTOR(AUTHOR): Newell, Martha K.; Wagner, David; Newell, Evan
LOCATION: USA
ASSIGNEE: University of Vermont and State Agricultural College
PATENT: PCT International ; WO 200039283 A1 DATE: 20000706
APPLICATION: WO 99US30930 (19991222) *US FV114106 (19981229)
PAGES: 50 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12N-005/02A; C12N-005/06B; C12N-005/08B
DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH;
CN; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS;
JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX;
NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; UZ;
VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH
; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI;
FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW;
ML; MR; NE; SN; TD; TG

12/3/28 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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130236467 CA: 130(18)236467m PATENT
Therapeutic use of compositions containing humanized antibodies to human
gp39
INVENTOR(AUTHOR): Black, Amelia; Hanna, Nabil; Padlan, Eduardo A.;
Newman, Roland A.
LOCATION: USA
ASSIGNEE: IDEC Pharmaceuticals Corporation
PATENT: PCT International ; WO 9912566 A1 DATE: 19990318
APPLICATION: WO 98US18163 (19980908) *US 925339 (19970908)
PAGES: 122 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: A61K-039/395A; C07H-021/04B; C07K-016/00B; C07K-016/18B;
C07K-016/28B; C12N-005/10B; C12N-015/13B; C12P-021/08B
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;
CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; HR; HU; ID; IL; IS; JP; KE; KG;
KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL;
PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; UZ; VN; YU; ZW;
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW
; SD; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU;
MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

12/3/29 (Item 12 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

129229685 CA: 129(18)229685g PATENT
Methods of therapeutic administration of anti-CD40L monoclonal antibody
INVENTOR(AUTHOR): Kalled, Susan L.; Thomas, David W.
LOCATION: USA
ASSIGNEE: Biogen, Inc.

PATENT: PCT International ; WO 9839026 A2 DATE: 19980911
APPLICATION: WO 97US24133 (19971231) *US 40154 (19970307)
PAGES: 31 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: A61K-039/00A

DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;
CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; GW; HU; ID; IL; IS; JP; KE; KG;
KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL;
PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU;
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS
; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU;
MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG

12/3/30 (Item 13 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2006 American Chemical Society. All rts. reserv.

128074205 CA: 128(7)74205d JOURNAL

Induction and expression of human cartilage glycoprotein 39 in rheumatoid
inflammatory and peripheral blood monocyte-derived macrophages

AUTHOR(S): Kirkpatrick, Robert B.; Emergy, John G.; Connor, Janice R.;
Dodds, Robert; Lysko, Paul G.; Rosenberg, Martin

LOCATION: Department of Gene Expression Sciences, SmithKline Beecham
Pharmaceuticals, King of Prussia, PA, 19406, USA

JOURNAL: Exp. Cell Res. DATE: 1997 VOLUME: 237 NUMBER: 1 PAGES: 46-54

CODEN: ECREAL ISSN: 0014-4827 LANGUAGE: English PUBLISHER: Academic
Press

12/3/31 (Item 14 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2006 American Chemical Society. All rts. reserv.

126017804 CA: 126(2)17804h PATENT

Human antibodies derived from immunized xenomice

INVENTOR(AUTHOR): Kucherlapati, Raju; Jakobovits, Aya; Klapholz, Sue;
Brenner, Daniel G.; Capon, Daniel J.

LOCATION: USA

ASSIGNEE: Cell Genesys, Inc.

PATENT: PCT International ; WO 9634096 A1 DATE: 19961031

APPLICATION: WO 95US5500 (19950428)

PAGES: 64 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-015/00A

DESIGNATED COUNTRIES: AU; CA; FI; HU; JP; KR; NO; NZ

DESIGNATED REGIONAL: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE

12/3/32 (Item 15 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2006 American Chemical Society. All rts. reserv.

123054044 CA: 123(5)54044u JOURNAL

Immunoprinting. Various genes are associated with increased risk to
develop rheumatoid arthritis in different groups of adult patients

AUTHOR(S): Gomolka, M.; Menninger, H.; Saal, J. E.; Lemmel, E. M.;
Albert, E. D.; Niwa, O.; Epplen, J. T.; Epplen, C.

LOCATION: Ruhr-Univ., Bochum, Germany, D-44780

JOURNAL: J. Mol. Med. (Berlin) DATE: 1995 VOLUME: 73 NUMBER: 1

PAGES: 19-29 CODEN: JMIME8 LANGUAGE: English

? 5t sl2/7/32

>>>Unrecognizable Command

? t sl2/7/32

12/7/32 (Item 15 from file: 399)

123054044 CA: 123(5)54044u JOURNAL
Immunoprinting. Various genes are associated with increased risk to
develop rheumatoid arthritis in different groups of adult patients
AUTHOR(S): Gomolka, M.; Menninger, H.; Saal, J. E.; Lemmel, E. M.;
Albert, E. D.; Niwa, O.; Epplen, J. T.; Epplen, C.
LOCATION: Ruhr-Univ., Bochum, Germany, D-44780
JOURNAL: J. Mol. Med. (Berlin) DATE: 1995 VOLUME: 73 NUMBER: 1
PAGES: 19-29 CODEN: JMLME8 LANGUAGE: English
SECTION:
CA215008 Immunochemistry
CA203XXX Biochemical Genetics
IDENTIFIERS: gene rheumatoid arthritis predisposition inheritance
DESCRIPTORS:
Lymphokine and cytokine receptors,interleukin 5... Receptors,interleukin 5
...
α-chain, gene; assocn. of various immunorelevant genes with
rheumatoid arthritis risk in humans
Arthritis,rheumatoid... Genetic polymorphism... Gene,animal, CD3D...
Gene,animal, IL1A... Gene,animal, IL-2... Gene,animal, TNFA...
assocn. of various immunorelevant genes with rheumatoid arthritis risk
in humans
Gene,animal...
CD40L; assocn. of various immunorelevant genes with rheumatoid
arthritis risk in humans
Antigens,CD3...
δ-chain, gene; assocn. of various immunorelevant genes with
rheumatoid arthritis risk in humans
Antigen receptors,TCR αβ (T-cell antigen receptor αβ)
... Antigen receptors,TCR γδ (T-cell antigen receptor
γδ)... Glycoproteins,specific or class, CD40-L (antigen CD40
ligand)... Lymphokines and Cytokines,interleukin 1α... Lymphokines
and Cytokines,interleukin 2... Lymphokines and Cytokines,tumor necrosis
factor-α... Receptors,TCR αβ (T-cell antigen receptor
αβ)... Receptors,TCR γδ (T-cell antigen receptor
γδ)...
gene; assocn. of various immunorelevant genes with rheumatoid arthritis
risk in humans
Gene,animal...
IL5RA; assocn. of various immunorelevant genes with rheumatoid
arthritis risk in humans
Gene,animal...
TCRBV6S1; assocn. of various immunorelevant genes with rheumatoid
arthritis risk in humans
Gene,animal...
TCRBV6S3; assocn. of various immunorelevant genes with rheumatoid
arthritis risk in humans
Gene,animal...
TCRBV6S7; assocn. of various immunorelevant genes with rheumatoid
arthritis risk in humans
Gene,animal...
TCRCVAJ; assocn. of various immunorelevant genes with rheumatoid
arthritis risk in humans
? ds

Set	Items	Description
S1	84	E2-E4
S2	23	S1 AND (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154)
S3	21	RD S2 (unique items)
S4	3	S3 AND ARTHRITIS
S5	3	RD S4 (unique items)
S6	125	(GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) (10N) (PROM- OTER)
S7	4	S6 AND ARTHRITIS
S8	3	RD S7 (unique items)

S9 15 (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) AND (PROM-
 OTER) AND ARTHRITIS
 S10 12 RD S9 (unique items)
 S11 37 (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) (20N) (GENO-
 MIC OR GENE) AND ARTHRITIS
 S12 32 RD S11 (unique items)
 ? s (gp39 or cd40L or cd40(w)ligand or 5c8 or cd154) (20n) (dna or nucleic or nucleotide?) and
 arthritis
 694 GP39
 6745 CD40L
 27295 CD40
 455442 LIGAND
 12857 CD40(W)LIGAND
 135 5C8
 3098 CD154
 3096305 DNA
 727235 NUCLEIC
 1098177 NUCLEOTIDE?
 792 (((GP39 OR CD40L) OR CD40(W)LIGAND) OR 5C8) OR
 CD154) (20N) ((DNA OR NUCLEIC) OR NUCLEOTIDE?)
 434241 ARTHRITIS
 S13 44 (GP39 OR CD40L OR CD40(W)LIGAND OR 5C8 OR CD154) (20N) (DNA
 OR NUCLEIC OR NUCLEOTIDE?) AND ARTHRITIS
 ? rd s13
 S14 38 RD S13 (unique items)
 ? t s14/3/all

14/3/1 (Item 1 from file: 5)
 DIALOG(R)File 5:Biosis Previews(R)
 (c) 2006 BIOSIS. All rts. reserv.

0012275824 BIOSIS NO.: 199900535484
 An altered nucleotide sequence in the immediate promoter region of
 CD40 ligand is associated with rheumatoid arthritis
 AUTHOR: Li Yixin (Reprint); Sun Guang-Rong (Reprint); Crow Mary K (Reprint)
 AUTHOR ADDRESS: New York, NY, USA**USA
 JOURNAL: Arthritis and Rheumatism 42 (9 SUPPL.): pS233 Sept., 1999 1999
 MEDIUM: print
 CONFERENCE/MEETING: 63rd Annual Scientific Meeting of the American College
 of Rheumatology and the 34th Annual Scientific Meeting of the Association
 of Rheumatology Health Professionals Boston, Massachusetts, USA November
 13-17, 1999; 19991113
 ISSN: 0004-3591
 DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster
 RECORD TYPE: Citation
 LANGUAGE: English

14/3/2 (Item 2 from file: 5)
 DIALOG(R)File 5:Biosis Previews(R)
 (c) 2006 BIOSIS. All rts. reserv.

0012073843 BIOSIS NO.: 199900333503
 An aggressive form of polyarticular arthritis in a man with CD154
 mutation (X-linked hyper-IgM syndrome)
 AUTHOR: Webster Elizabeth A; Khakoo Aarif Y; Mackus Wendeline JM; Karpusas
 Michael; Thomas David W; Davidson Anne; Christian Charles L; Lederman
 Seth (Reprint)
 AUTHOR ADDRESS: Laboratory of Molecular Immunology, Columbia University,
 630 West 168th Street, PH8-405, New York, NY, 10032, USA**USA
 JOURNAL: Arthritis and Rheumatism 42 (6): p1291-1296 June, 1999 1999
 MEDIUM: print
 ISSN: 0004-3591
 DOCUMENT TYPE: Article
 RECORD TYPE: Abstract
 LANGUAGE: English

14/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:BIOSIS Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0010701701 BIOSIS NO.: 199799335761
The functional CD40 antigen of fibroblasts may contribute to the
proliferation of rheumatoid synovium
AUTHOR: Rissoan M C; Van Kooten C; Chomarat P; Galibert L; Durand I;
Thivolet-Bejui F; Miossec P; Banchereau J (Reprint)
AUTHOR ADDRESS: Schering-Plough, Lab. Immunological Res., 27 chemin des
peupliers, BP 11, 69571 Dardilly Cedex, France**France
JOURNAL: Clinical and Experimental Immunology 106 (3): p481-490 1996 1996
ISSN: 0009-9104
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

14/3/4 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

13737279 EMBASE No: 2006142308
Analysis of RAG expression by peripheral blood CD5+ and CD5- B cells of
patients with childhood systemic lupus erythematosus
Morbach H.; Singh S.K.; Faber C.; Lipsky P.E.; Girschick H.J.
Dr. H.J. Girschick, Section of Paediatric Rheumatology and Osteology,
Children's Hospital, University of Wurzburg, Josef-Schneider-Str 2, 97080
Wurzburg Germany
AUTHOR EMAIL: Hermann.Girschick@mail.uni-wuerzburg.de
Annals of the Rheumatic Diseases (ANN. RHEUM. DIS.) (United Kingdom)
2006, 65/4 (482-487)
CODEN: ARDIA ISSN: 0003-4967
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 46

14/3/5 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

13723248 EMBASE No: 2005325455
IL-10 and CD40L expression in patients with lupus erythematosus
EXPRESION DE IL-10 Y CD40L EN PACIENTES DE LUPUS ERITEMATOSO
Lopez Suarez P.; Suarez Diaz A.
P. Lopez Suarez, Departamento de Biologia Funcional, Area de Inmunologia,
Facultad de Medicina, Julian Claveria s/n, 33006 Oviedo Spain
AUTHOR EMAIL: tryyls@terra.es
Mapfre Medicina (MAPFRE MED.) (Spain) 2005, 16/2 (95-105)
CODEN: MAMEE ISSN: 1130-5665
DOCUMENT TYPE: Journal ; Article
LANGUAGE: SPANISH SUMMARY LANGUAGE: ENGLISH; SPANISH
NUMBER OF REFERENCES: 34

14/3/6 (Item 3 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

13162748 EMBASE No: 2005223222
Haplotype structure of TNFRSF5-TNFSF5 (CD40-CD40L) and association
analysis in systemic lupus erythematosus
Chadha S.; Miller K.; Farwell L.; Lightstone L.B.; Daly M.J.; Rioux J.D.;
Vyse T.J.
Dr. T.J. Vyse, Faculty of Medicine, Imperial College London, Hammersmith

Hospital, Du Cane Road, London United Kingdom
AUTHOR EMAIL: t.vyse@imperial.ac.uk
European Journal of Human Genetics (EUR. J. HUM. GENET.) (United Kingdom) 2005, 13/5 (669-676)
CODEN: EJHGE ISSN: 1018-4813
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 39

14/3/7 (Item 4 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

12977766 EMBASE No: 2005037583
Ongoing immunoglobulin class switch DNA recombination in lupus B cells:
Analysis of switch regulatory regions
Liu S.; Cerutti A.; Casali P.; Crow M.K.
M.K. Crow, Mary Kirkland Center for Lupus Res., Hospital for Special Surgery, 535 East 70th Street, New York, NY 10021 United States
AUTHOR EMAIL: crowm@hss.edu
Autoimmunity (AUTOIMMUNITY) (United Kingdom) 2004, 37/6-7 (431-443)
CODEN: AUIME ISSN: 0891-6934
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 84

14/3/8 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

12938970 EMBASE No: 2005000475
The systemic nature of the antiphospholipid syndrome
Marai I.; Zandman-Goddard G.; Shoenfeld Y.
Y. Shoenfeld, Department of Medicine 'B', Center for Autoimmune Diseases, Sheba Medical Centre, Tel-Hashomer 52621 Israel
AUTHOR EMAIL: shoenfel@post.tau.ac.il
Scandinavian Journal of Rheumatology (SCAND. J. RHEUMATOL.) (Norway) 2004, 33/6 (365-372)
CODEN: SJRHA ISSN: 0300-9742
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 89

14/3/9 (Item 6 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

12775142 EMBASE No: 2004370461
Stem cell transplantation in systemic lupus erythematosus
Jayne D.
Dr. D. Jayne, Renal Unit, Addenbrookes Hospital, Box 157, Cambridge CB2 2QQ United Kingdom
AUTHOR EMAIL: dj106@cam.ac.uk
Best Practice and Research in Clinical Haematology (BEST PRACT. RES. CLIN. HAEMATOL.) (United Kingdom) 2004, 17/2 (291-304)
CODEN: BPRCA ISSN: 1521-6926
PUBLISHER ITEM IDENTIFIER: S1521692604000350
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 69

14/3/10 (Item 7 from file: 73)
DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier Science B.V. All rts. reserv.

12716258 EMBASE No: 2004298726
Immunotherapeutic approaches in multiple sclerosis
Adorini L.
L. Adorini, BioXell, Via Olgettina 58, I-20132 Milan Italy
AUTHOR EMAIL: Luciano.Adorini@bioxell.com
Journal of the Neurological Sciences (J. NEUROL. SCI.) (Netherlands)
15 AUG 2004, 223/1 (13-24)
CODEN: JNSCA ISSN: 0022-510X
PUBLISHER ITEM IDENTIFIER: S0022510X04001145
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 130

14/3/11 (Item 8 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

12499393 EMBASE No: 2004087866
B-cell biology
Weinstein E.; Peeva E.; Putterman C.; Diamond B.
Dr. B. Diamond, Department of Medicine, Forscheimer 405, Albert Einstein
College of Medicine, 1300 Morris Park Avenue, Bronx, NY 10461 United
States
AUTHOR EMAIL: diamond@aecon.yu.edu
Rheumatic Disease Clinics of North America (RHEUM. DIS. CLIN. NORTH AM.
) (United States) 2004, 30/1 (159-174)
CODEN: RDCAE ISSN: 0889-857X
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 83

14/3/12 (Item 9 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

12433313 EMBASE No: 2004023065
CD137 costimulatory T cell receptor engagement reverses acute disease in
lupus-prone NZB x NZW FSub1 mice
Foell J.; Strahotin S.; O'Neil S.P.; McCausland M.M.; Suwyn C.; Haber M.;
Chander P.N.; Bapat A.S.; Yan X.-J.; Chiorazzi N.; Hoffmann M.K.; Mittler
R.S.
R.S. Mittler, Dept. of Surg. and Emory Vacc. Ctr., Emory University
School of Medicine, Atlanta, GA 30329 United States
AUTHOR EMAIL: rmittler@rmy.emory.edu
Journal of Clinical Investigation (J. CLIN. INVEST.) (United States)
2003, 111/10 (1505-1518)
CODEN: JCINA ISSN: 0021-9738
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 34

14/3/13 (Item 10 from file: 73)
DIALOG(R)File 73:EMBASE
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11986460 EMBASE No: 2003096892
Preferential expression of B7.2 (CD86), but not B7.1 (CD80), on B cells
induced by CD40/CD40L interaction is essential for anti-DNA
autoantibody production in patients with systemic lupus erythematosus
Nagafuchi H.; Shimoyama Y.; Kashiwakura J.; Takeno M.; Sakane T.; Suzuki
N.
H. Nagafuchi, Department of Internal Medicine, St. Marianna Univ. School

of Med., Kawasaki, Kanagawa Japan
Clinical and Experimental Rheumatology (CLIN. EXP. RHEUMATOL.) (Italy)
2003, 21/1 (71-77)
CODEN: CERHD ISSN: 0392-856X
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 43

14/3/14 (Item 11 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

11937431 EMBASE No: 2003049094
B-cell anomalies in systemic lupus erythematosus
ANOMALIES LYMPHOCYTAIRES B DU LUPUS ERYTHEMATEUX DISSEMINÉ
Tron F.; Jacquot S.; Gilbert D.
F. Tron, Unite INSERM U519, Inst. Fed. Rech. Multidisciplinaires, CHU
Charles-Nicolle, 22, boulevard Gambetta, 76183 Rouen Cedex I France
AUTHOR EMAIL: francois.tron@chu-rouen.fr
Annales de Medecine Interne (ANN. MED. INTERNE) (France) 2002, 153/8
(503-512)
CODEN: AMDIB ISSN: 0003-410X
DOCUMENT TYPE: Journal ; Conference Paper
LANGUAGE: FRENCH SUMMARY LANGUAGE: ENGLISH; FRENCH
NUMBER OF REFERENCES: 45

14/3/15 (Item 12 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

11636304 EMBASE No: 2002207929
The effect of anti-CD40 ligand antibody on B cells in human systemic
lupus erythematosus
Huang W.; Sinha J.; Newman J.; Reddy B.; Budhai L.; Furie R.; Vaishnav A.
; Davidson A.
A. Davidson, Albert Einstein College of Medicine, 1300 Morris Park
Avenue, Bronx, NY 10461 United States
AUTHOR EMAIL: davidson@aecom.yu.edu
Arthritis and Rheumatism (ARTHRITIS RHEUM.) (United States) 2002,
46/6 (1554-1562)
CODEN: ARHEA ISSN: 0004-3591
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 44

14/3/16 (Item 13 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

11509531 EMBASE No: 2002081703
B cells underpin lupus immunopathology
Youinou P.; Lydyard P.M.; Mageed R.A.
P. Youinou, Brest University Medical School, Brest France
Lupus (LUPUS) (United Kingdom) 2002, 11/1 (1-3)
CODEN: LUPUE ISSN: 0961-2033
DOCUMENT TYPE: Journal ; Editorial
LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 18

14/3/17 (Item 14 from file: 73)
DIALOG(R)File 73:EMBASE
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11154230 EMBASE No: 2001169061
Long-term anti-CD154 dosing in nephritic mice is required to maintain survival and inhibit mediators of renal fibrosis
Kalled S.L.; Cutler A.H.; Ferrant J.L.
S.L. Kalled, Biogen Inc., 14 Cambridge Center, Cambridge, MA 02142
United States
AUTHOR EMAIL: Susan Kalled@Biogen.com
Lupus (LUPUS) (United Kingdom) 2001, 10/1 (9-22)
CODEN: LUPUE ISSN: 0961-2033
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 36

14/3/18 (Item 15 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

07081400 EMBASE No: 1997363263
Immune cell biochemical abnormalities in systemic lupus erythematosus
Liossis S.-N.C.; Vassilopoulos D.; Kovacs B.; Tsokos G.C.
Dr. G.C. Tsokos, Walter Reed Army Inst. of Research, Department of Clinical Physiology, 14th and Dahlia NW, Washington, DC 20307-5100
United States
Clinical and Experimental Rheumatology (CLIN. EXP. RHEUMATOL.) (Italy)
1997, 15/6 (677-684)
CODEN: CERHD ISSN: 0392-856X
DOCUMENT TYPE: Journal; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 48

14/3/19 (Item 16 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

07033895 EMBASE No: 1997314155
Lymphocytes, cytokines, inflammation, and immune trafficking
Tsokos G.C.; Kovacs B.; Liossis S.-N.C.
Dr. G.C. Tsokos, Department of Clinical Physiology, Walter Reed Army Institute Research, Washington, DC 20307-5100 United States
Current Opinion in Rheumatology (CURR. OPIN. RHEUMATOL.) (United States)
1997, 9/5 (380-386)
CODEN: CORHE ISSN: 1040-8711
DOCUMENT TYPE: Journal; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 57

14/3/20 (Item 17 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier Science B.V. All rts. reserv.

06829746 EMBASE No: 1997112246
T helper cells driving pathogenic anti-DNA autoantibody production in lupus: Nucleosomal epitopes and CD40 ligand signals
Datta S.K.; Kaliyaperumal A.; Mohan C.; Desai-Mehta A.
Dr. S.K. Datta, Arthritis Division, Northwestern University Medical Sch., 303 East Chicago Avenue, Chicago, IL 60611-3008 United States
Lupus (LUPUS) (United Kingdom) 1997, 6/3 (333-336)
CODEN: LUPUE ISSN: 0961-2033
DOCUMENT TYPE: Journal; Conference Paper
LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 4

14/3/21 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

15086741 PMID: 15383579

CpG DNA induces IgG class switch DNA recombination by activating human B cells through an innate pathway that requires TLR9 and cooperates with IL-10.

He Bing; Qiao Xugang; Cerutti Andrea
Department of Pathology, Weill Medical College, Cornell University, New York, NY 10021, USA.

Journal of immunology (Baltimore, Md. - 1950) (United States) Oct 1 2004, 173 (7) p4479-91, ISSN 0022-1767--Print Journal Code: 2985117R

Contract/Grant No.: AI057130; AI; NIAID; AR47872; AR; NIAMS

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

14/3/22 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

13167676 PMID: 11292759

Coinfection with *Borrelia burgdorferi* and the agent of human granulocytic ehrlichiosis alters murine immune responses, pathogen burden, and severity of Lyme ***arthritis.***

Thomas V; Anguita J; Barthold S W; Fikrig E
Section of Rheumatology, Department of Internal Medicine, Yale University School of Medicine, New Haven, Connecticut 06520, USA.

Infection and immunity (United States) May 2001, 69 (5) p3359-71, ISSN 0019-9567--Print Journal Code: 0246127

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

14/3/23 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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144310460 CA: 144(17)310460m PATENT

Anti-CD154 antibodies

INVENTOR(AUTHOR): Van Vlijmen, Herman; Lugovskoy, Alexey Alexandrovic; Hanf, Karl J. M.

LOCATION: USA

ASSIGNEE: Biogen Idec

PATENT: PCT International ; WO 200633702 A2 DATE: 20060330

APPLICATION: WO 2005US26320 (20050726) *US 2004PV591337 (20040726)

PAGES: 120 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0039/395 A I F B 20060101 H US

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

14/3/24 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

144148890 CA: 144(9)148890c PATENT
Variants of BAFF, RANKL, TRAIL, CD40L and APRIL proteins with reduced immunogenicity for treating the TNF super family member responsive disorders
INVENTOR(AUTHOR): Marshall, Shannon Alicia; Moore, Gregory L.; Chirino, Arthur J.; Desjarlais, John R.
LOCATION: USA
ASSIGNEE: Xencor, Inc.
PATENT: U.S. Pat. Appl. Publ. ; US 20060014248 A1 DATE: 20060119
APPLICATION: US 2005136079 (20050523) *US 2003338785 (20030106) *US 2003PV452707 (20030307) *US 2003PV459094 (20030331) *US 2003PV482081 (20030623) *US 2003PV510430 (20031010) *US 2003PV517728 (20031105) *US 2003PV523545 (20031120) *US 2004794751 (20040305) *US 2004820465 (20040331) *US 2004PV573206 (20040521) *US 2004PV573301 (20040521) *US 2004PV573395 (20040521) *US 2004PV588314 (20040714) *US 2004PV607396 (20040902) *US 2004PV607397 (20040902)
PAGES: 183 pp., Cont.-in-part of U.S. Ser. No. 820,465. CODEN: USXXCO
LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 435069100
IPCR/8 + Level Value Position Status Version Action Source Office:
C12P-0021/06 A I F B 20060101 20060119 H US
C07H-0021/04 A I L B 20060101 20060119 H US
C07K-0014/525 A I L B 20060101 20060119 H US

14/3/25 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

144035279 CA: 144(3)35279s PATENT
Methods and kits for diagnosing or monitoring autoimmune and chronic inflammatory diseases
INVENTOR(AUTHOR): Richardson, Bruce; Lu, Qianjin
LOCATION: USA
ASSIGNEE: The Regents of the University of Michigan
PATENT: PCT International ; WO 2005118872 A2 DATE: 20051215
APPLICATION: WO 2005US19001 (20050601) *US 2004PV575912 (20040601)
PAGES: 112 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12Q-001/68A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE ; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

14/3/26 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

143476384 CA: 143(26)476384u PATENT
CD40 splice variants, chimeric proteins, conjugates, antibodies and nucleic acids for diagnosis and treatment of autoimmune disease, transplant rejection and cancer
INVENTOR(AUTHOR): Eshel, Dani; Rotman, Galit; Savitsky, Kinneret;

Toporik, Amir
LOCATION: Israel
ASSIGNEE: Compugen Ltd.
PATENT: PCT International ; WO 2005108428 A2 DATE: 20051117
APPLICATION: WO 2005IB1955 (20050228) *US 2004PV547422 (20040226) *US
2005PV647822 (20050131)
PAGES: 144 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07K-014/705A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;
MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG

14/3/27 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

143400820 CA: 143(22)400820n PATENT
Uncleavable membrane-bound human CD40 ligand mutants for use in therapy
for cancer and immune disorders
INVENTOR(AUTHOR): Kato, Kazunori; Hamada, Hirofumi
LOCATION: Japan,
ASSIGNEE: Hokkaido
PATENT: PCT International ; WO 2005100558 A1 DATE: 20051027
APPLICATION: WO 2005JP7298 (20050415) *JP 2004121932 (20040416)
PAGES: 70 pp. CODEN: PIXXD2 LANGUAGE: Japanese
PATENT CLASSIFICATIONS:
CLASS: C12N-015/00A; A61K-035/12B; A61K-035/76B; A61K-038/00B;
A61K-039/00B; A61K-048/00B; A61P-009/00B; A61P-009/10B; A61P-029/00B;
A61P-035/00B; A61P-035/02B; A61P-037/04B; A61P-037/06B; C07K-014/525B;
C12N-005/10B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR;
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH;
PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA;
UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS;
; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ;
TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT;
LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN;
GQ; GW; ML; MR; NE; SN; TD; TG

14/3/28 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

139212872 CA: 139(14)212872z PATENT
CD40 splice variants, antibodies and nucleotides for diagnosis and
treatment of chronic inflammation and autoimmune diseases
INVENTOR(AUTHOR): Bernstein, Jeanne; Mintz, Liat; Eshel, Dani
LOCATION: Israel
ASSIGNEE: Compugen Ltd.
PATENT: PCT International ; WO 200370768 A2 DATE: 20030828
APPLICATION: WO 2003IB665 (20030224) *US PV358877 (20020222)
PAGES: 92 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:

CLASS: C07K-014/705A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;

CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;
SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS
; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE;
ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR; BF; BJ; CF;
CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

14/3/29 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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139030805 CA: 139(3)30805x PATENT
Polynucleotide therapy for diseases assocd. with self-polypeptides
INVENTOR(AUTHOR): Fontoura, Paulo; Garren, Hideki; Robinson, William H.;
Steinman, Lawrence; Ruiz, Pedro Jose; Utz, Paul J.
LOCATION: USA
ASSIGNEE: The Board of Trustees of the Leland Stanford Junior University
PATENT: PCT International ; WO 200345316 A2 DATE: 20030605
APPLICATION: WO 2002US37686 (20021121) *US PV332070 (20011121)
PAGES: 99 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: A61K-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;
SE; SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA;
ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE
; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK;
EE; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG;
CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

14/3/30 (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

138380364 CA: 138(25)380364h PATENT
A nucleic acid array of genes associated with disease responses in
macrophages and their use in the diagnosis of disease
INVENTOR(AUTHOR): Stuhlmuehler, Bruno; Haeupl, Thomas
LOCATION: Germany,
ASSIGNEE: Oligene G.m.b.H.
PATENT: European Pat. Appl. ; EP 1310567 A2 DATE: 20030514
APPLICATION: EP 200290348 (20021002) *DE 10155600 (20011109)
PAGES: 180 pp. CODEN: EPXXDW LANGUAGE: German
PATENT CLASSIFICATIONS:
CLASS: C12Q-001/68A
DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL;
SE; MC; PT; IE; SI; LT; LV; FI; RO; MK; CY; AL; TR; BG; CZ; EE; SK

14/3/31 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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137304813 CA: 137(21)304813t PATENT
Modulators of hedgehog signaling pathway for treatment of T-cell-mediated
diseases
INVENTOR(AUTHOR): Lamb, Jonathan Robert; Hoyne, Gerard Francis; Dallman,
Margaret Jane; Champion, Brian Robert
LOCATION: UK,
ASSIGNEE: Lorantis Limited
PATENT: PCT International ; WO 200280952 A2 DATE: 20021017

APPLICATION: WO 2002GB1666 (20020409) *GB 20018872 (20010409) *GB
20018873 (20010409)

PAGES: 154 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: A61K-038/00A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE;
SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW;
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW
; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG

14/3/32 (Item 10 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2006 American Chemical Society. All rts. reserv.

137200261. CA: 137(14)200261v PATENT

Humanized anti-human gp39 antibodies for treating autoimmune diseases

INVENTOR(AUTHOR): Black, Amelia; Hanna, Nabil; Padlan, Eduardo A.;

Newman, Roland A.

LOCATION: USA

ASSIGNEE: Idec Pharmaceuticals Corporation

PATENT: United States ; US 6440418 B1 DATE: 20020827

APPLICATION: US 925339 (19970908) *US 554840 (19951107)

PAGES: 50 pp., Cont.-in-part of U. S. 6,001,358. CODEN: USXXAM

LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: 424154100; A61K-039/395A; C07K-016/28B

14/3/33 (Item 11 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2006 American Chemical Society. All rts. reserv.

136068690 CA: 136(5)68690g PATENT

CD154 variants

INVENTOR(AUTHOR): Hsu, Yen-Ming; Garber, Ellen

LOCATION: USA

ASSIGNEE: Biogen, Inc.

PATENT: PCT International ; WO 200196397 A2 DATE: 20011220

APPLICATION: WO 2001US18517 (20010608) *US PV210657 (20000609)

PAGES: 41 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C07K-014/705A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ
; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

14/3/34 (Item 12 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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136036363 CA: 136(3)36363m PATENT

Non-agonistic antibodies to human gp39, compositions containing, and
therapeutic use thereof

INVENTOR(AUTHOR): Anderson, Darrell R.; Pan, Li Zhen; Hanna, Nabil;
Rastetter, William H.; Kloetzer, William S.

LOCATION: USA

ASSIGNEE: Idec Pharmaceuticals Corporation

PATENT: PCT International ; WO 200194586 A2 DATE: 20011213

APPLICATION: WO 2001US18098 (20010606) *US PV209584 (20000606)

PAGES: 130 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-015/13A; C07K-016/28B; A61K-039/395B; A61P-037/06B;
A61K-048/00B; C12N-015/63B; C12N-015/86B; C12N-015/861B; C12N-015/867B;
C12N-015/11B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ;
MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ
; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL;
PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

14/3/35 (Item 13 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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134248006 CA: 134(18)248006f PATENT

An altered nucleotide sequence in the promoter of the CD40 ligand gene
leading to increased levels of expression of the gene and a risk factor
for autoimmune disease

INVENTOR(AUTHOR): Crow, Mary K.; Li, Yixin

LOCATION: USA

ASSIGNEE: New York Society for the Relief of the Ruptured and Crippled,
Maintaining th

PATENT: PCT International ; WO 200119844 A1 DATE: 20010322

APPLICATION: WO 2000US24966 (20000913) *US PV153625 (19990913)

PAGES: 90 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C07H-021/04A; C07K-014/435B; C07K-014/705B; C12N-005/10B;
C12N-015/00B; C12N-015/12B; G01N-033/53B

DESIGNATED COUNTRIES: CA; JP; MG; US DESIGNATED REGIONAL: AT; BE; CH; CY
; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

14/3/36 (Item 14 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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133280066 CA: 133(20)280066r JOURNAL

Identification of 142 single nucleotide polymorphisms in 41 candidate
genes for rheumatoid arthritis in the Japanese population

AUTHOR(S): Yamada, R.; Tanaka, T.; Ohnishi, Y.; Suematsu, K.; Minami, M.;
Seki, T.; Yukioka, M.; Maeda, A.; Murata, N.; Saiki, O.; Teshima, R.; Kudo,
O.; Ishikawa, K.; Ueyosi, A.; Tateishi, H.; Inaba, M.; Goto, H.; Nishizawa,
Y.; Tohma, S.; Ochi, T.; Yamamoto, K.; Nakamura, Y.

LOCATION: Institute of Medical Science, Human Genome Center, Laboratory
of Molecular Medicine, University of Tokyo, Minato-ku, Tokyo, Japan,
108-8639

JOURNAL: Hum. Genet. DATE: 2000 VOLUME: 106 NUMBER: 3 PAGES: 293-297

CODEN: HUGEDQ ISSN: 0340-6717 LANGUAGE: English PUBLISHER:
Springer-Verlag

14/3/37 (Item 15 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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130236467 CA: 130(18)236467m PATENT

Therapeutic use of compositions containing humanized antibodies to human
gp39

INVENTOR(AUTHOR): Black, Amelia; Hanna, Nabil; Padlan, Eduardo A.;
Newman, Roland A.

LOCATION: USA

ASSIGNEE: IDEC Pharmaceuticals Corporation

PATENT: PCT International ; WO 9912566 A1 DATE: 19990318

APPLICATION: WO 98US18163 (19980908) *US 925339 (19970908)

PAGES: 122 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: A61K-039/395A; C07H-021/04B; C07K-016/00B; C07K-016/18B;
C07K-016/28B; C12N-005/10B; C12N-015/13B; C12P-021/08B

DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;
CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; HR; HU; ID; IL; IS; JP; KE; KG;
KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL;
PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; UZ; VN; YU; ZW;
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW
; SD; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU;
MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

14/3/38 (Item 16 from file: 399)

DIALOG(R) File 399:CA SEARCH(R)

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119224263 CA: 119(21)224263b PATENT

Murine monoclonal antibody (5c8) recognizes a human glycoprotein on the
surface of helper T-lymphocytes involved in B-cell activation

INVENTOR(AUTHOR): Lederman, Seth; Chess, Leonard; Yellin, Michael J.

LOCATION: USA

ASSIGNEE: Columbia University

PATENT: PCT International ; WO 9309812 A1 DATE: 930527

APPLICATION: WO 92US9955 (921116) *US 792728 (911115)

PAGES: 228 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: A61K-039/395A; C07K-015/28B

DESIGNATED COUNTRIES: AU; CA; JP; US DESIGNATED REGIONAL: AT; BE; CH; DE
; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; SE

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